

LuneOS

LuneOS is a mobile operating system (OS) based on the Linux kernel and currently developed by the WebOS Ports community.^{[5][6]} With a user interface based on direct manipulation, LuneOS is designed primarily for touchscreen mobile devices such as smartphones and tablet computers. The OS uses touch inputs that loosely correspond to real-world actions, like swiping, tapping, pinching, and reverse pinching to manipulate on-screen objects, and a virtual keyboard.

LuneOS is the open-source successor for Palm/HP webOS where the user interface is rebuilt from scratch by using the latest technologies available (Qt 5.15.0 / QML, Qt WebEngine, etc).^[2] It is not intended to compete with iPhone or Android on features.^[7] All devices can have a LuneOS port if they have a CyanogenMod / LineageOS ROM available that works.^[8] LuneOS uses the minimal Android System Image that is created using Halium which in turn is based upon CyanogenMod / LineageOS.

Currently, the system is still in alpha, with some internal hardware not supported and some applications still buggy.^[9] It can be updated without a reinstall.^[10] It has the feel of the webOS formerly used on Palm and HP hardware, including a cards-based multitasking system and Universal Search. It has been described as "a niche mobile operating system maintained by enthusiasts".

LuneOS



LuneOS screenshot for the Eiskaffee release.

Developer	<u>webos-ports.org community</u> ^[1]
Written in	<u>C (core)</u> , <u>C++</u> , <u>Qt 5.x (UI)</u> , <u>QML (UI)</u> , <u>Qt WebEngine (UI)</u> ^[2]
OS family	<u>Unix-like</u>
Working state	<u>Current</u>
Source model	<u>Open source</u>
Initial release	<u>1 September 2014</u> ^[2]
Latest release	<u>Eiskaffee / 15 February 2024</u> ^[3]
Marketing target	<u>Smartphones</u> <u>Tablet computers</u>
Available in	<u>English</u>
Package manager	<u>Preware (http://www.webos-internals.org/wiki/Application:Preware)</u> to <u>install/update/remove *.ipk files</u>
Supported platforms	<u>32-bit and 64-bit with ARMv5 and ARMv7 CPUs</u>
Kernel type	<u>Monolithic (modified Linux kernel)</u>
Default user interface	<u>Graphical (Multi-touch)</u>
License	<u>Apache License 2.0</u> <u>Modified Linux kernel under GNU GPL v2</u> <u>Applications and recipies [sic] for Base OS are under MIT License</u> ^[4]

Official website

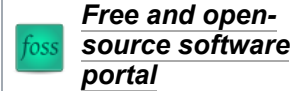
www.webos-ports.org (<http://www.webos-ports.org>)

Release schedule

Codename	Release date	Notes
Affogato	1 Sep 2014 ^[2]	First LuneOS release for developers
Antoccino	2 Oct 2014 ^[11]	
Black Eye	1 Nov 2014 ^[12]	
Black Tie	6 Dec 2014 ^[13]	
Breve	9 Jan 2015 ^[14]	
Americano	4 Feb 2015 ^[15]	
Café au lait	13 Apr 2015 ^[16]	
Café Bombón	10 May 2015 ^[17]	
Café Cubano	6 Jun 2015 ^[18]	
Caffè Crema	17 Aug 2015 ^[19]	
Café de Olla	7 Sep 2015 ^[20]	
Caffé Latte	6 Oct 2015 ^[21]	
Caffè Marocchino	10 Dec 2015 ^[22]	First release with Qt WebEngine
Caffè Medici	13 Jan 2016 ^[23]	
Café Miel	7 Feb 2016 ^[24]	First release that supports calling
Coffee Milk	3 Mar 2016 ^[25]	
Café Mocha	13 May 2016 ^[26]	
Caffè Tobio	16 Jun 2016 ^[27]	
Café Touba	9 Aug 2016 ^[28]	
Cafe Zorro	15 Sep 2016 ^[29]	
Cà phê sữa đá	13 Oct 2016 ^[30]	
Cappuccino	25 Dec 2016 ^[31]	
Chai Latte	22 Feb 2017 ^[32]	
Cold Brew	30 Apr 2017 ^[33]	
Cortado	23 Jul 2017 ^[34]	
Decaf	8 Oct 2017 ^[35]	
Doppio	28 Nov 2018 ^[36]	
Eggnog Latte	24 Oct 2019 ^[37]	
Eiskaffee	15 Feb 2024 ^[38]	

See also

- Enyo
- Access Linux Platform
- Ubuntu Touch - Linux Ubuntu for smartphones and tablets.



References

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External links

- [Official website \(http://webos-ports.org/\)](http://webos-ports.org/)
 - [LuneOS Forums \(https://forums.weboslives.eu/t/luneos\)](https://forums.weboslives.eu/t/luneos)
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